

Title (en)

Systems, devices and methods for arc fault detection

Title (de)

Systeme, Vorrichtungen und Verfahren zur Lichtbogenfehlerdetektion

Title (fr)

Systèmes, dispositifs et procédés pour la détection de défaut d'arc

Publication

**EP 1821325 A2 20070822 (EN)**

Application

**EP 07102123 A 20070212**

Priority

US 35567606 A 20060216

Abstract (en)

Certain exemplary embodiments comprise a system that comprises an application specific integrated circuit configured to provide an output signal. The output signal can be configured to trip a device in an electrical circuit responsive to a detected fault. The application specific integrated circuit can comprise a temperature sensor. The application specific integrated circuit can be configured to correct at least one measured electrical value responsive to a temperature measured by the temperature sensor.

IPC 8 full level

**H02H 3/33** (2006.01)

CPC (source: EP US)

**H02H 1/0015** (2013.01 - EP US); **H02H 3/334** (2013.01 - EP US)

Cited by

CN102623967A; CN104764966A; CN104917158A; EP3471228A1; FR3072513A1; DE112012001189B4; WO2007123835A3

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**EP 1821325 A2 20070822**; **EP 1821325 A3 20121031**; **EP 1821325 B1 20140402**; CN 101246195 A 20080820; CN 101246195 B 20110518; US 2007208981 A1 20070906; US 7441173 B2 20081021

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